

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	417	714/798	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L3	1167	predetermined adj mark	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L4	1	L3 and L2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L5	2	"5696745".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L6	3807	(several or plurality) with mark with detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L7	1	(several or plurality) with mark with detect\$3 with unit with synchroniz\$5 and serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L8	3	((((data or bits) near parallel) with (detect\$5 near synchron\$5)) with (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L9	4	375/365 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L10	18	((((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13

## EAST Search History

L11	2	"5321560".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L12	18	((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L13	8	375/368 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L14	8	375/368 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L15	4	370/509 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L16	4	375/365 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L17	3	370/514 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L18	16	mark with detect\$3 with synchroniz\$5 same serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L19	10	mark with detect\$3 with synchroniz\$5 with serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L20	3	375/364 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L21	2	"5661708".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13

## EAST Search History

L22	4	375/365 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L23	2	(mark adj detect\$5) and 370/510	USPAT	OR	OFF	2006/11/16 08:13
L24	3	375/364 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L25	736	375/364	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L26	31042	mark\$1 near2 detect\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L27	8	L25 and L26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L28	3	375/364 and (mark\$1 near1 detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L29	1070	375/365	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L30	3	375/364 and (mark\$1 near detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L31	3	370/514 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L32	1096	375/368	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13

## EAST Search History

L33	4	375/365 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L34	22	375/354 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L35	2	"5661708".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L36	2223	375/355	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L37	1167	predetermined adj mark	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L38	417	714/798	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L39	1	L37 and L38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L40	3785	375/354	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L41	13783	mark\$1 adj detect\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13

## EAST Search History

L42	13	(several or plurality) with mark with detect\$3 with unit and serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L43	849	370/514	USPAT	OR	OFF	2006/11/16 08:13
L44	1558	370/509	USPAT	OR	OFF	2006/11/16 08:13
L45	636	370/510	USPAT	OR	OFF	2006/11/16 08:13
L46	0	((370/503 and parallel) and detect\$4) and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L47	0	L25 and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L48	18	(several or plurality) with mark with detect\$3 with synchroniz\$5 and serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L49	4273	mark adj detect\$5	USPAT	OR	OFF	2006/11/16 08:13
L50	73	parallel and "mark detectors"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L51	0	((370/503 and parallel) and detect\$4) and mark\$1 adj detect\$4	USPAT	OR	OFF	2006/11/16 08:13
L52	915	(370/503 and parallel) and detect\$4	USPAT	OR	OFF	2006/11/16 08:13
L53	2809139	parallel "mark detectors"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L54	1104	370/503 and parallel	USPAT	OR	OFF	2006/11/16 08:13
L55	0	360/503 and parallel	USPAT	OR	OFF	2006/11/16 08:13
L56	18	((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13

## EAST Search History

L57	872	((data or bits) near parallel) and (detect\$5 near synchron\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L58	20486	detect\$5 near mark\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L59	26773	detect\$5 near synchron\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L60	49977	(data or bits) near parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L61	3	((((data or bits) near parallel) same (detect\$5 near synchron\$5)) same (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L62	2	"5661708".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L63	18	((((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L64	22	375/354 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L65	4	370/509 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L66	18	((((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L67	3	370/514 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13

## EAST Search History

L68	2	"5424881".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L69	15	(mark\$1 adj detect\$5) and 375/355	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L70	2	"5321560".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L71	18	((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L72	18	((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L73	4	370/509 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L74	2	(mark adj detect\$5) and 370/510	USPAT	OR	OFF	2006/11/16 08:13
L75	8	375/368 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L76	2	"5424881".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L77	5	714/798 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L78	2	(mark adj detect\$5) and 370/510	USPAT	OR	OFF	2006/11/16 08:13
L79	2	(mark adj detect\$5) and 370/510	USPAT	OR	OFF	2006/11/16 08:13
L80	3	((data or bits) near parallel) with (detect\$5 near synchron\$5)) with (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13

## EAST Search History

L81	170	mark with detect\$3 with synchroniz\$5 and serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L82	4	370/509 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L83	5	714/798 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L84	22	375/354 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L85	427	(several or plurality) with mark with detect\$3 with unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:13
L86	73	parallel and "mark detectors"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L87	3	370/514 and (mark adj detect\$5)	USPAT	OR	OFF	2006/11/16 08:13
L88	8	375/368 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L89	8	375/364 and (mark\$1 near2 detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L90	15	(mark\$1 adj detect\$5) and 375/355	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L91	22	375/354 and (mark\$1 adj detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13



## EAST Search History

L92	15	(mark\$1 adj detect\$5) and 375/355	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L93	8	375/364 and (mark\$1 near2 detect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L94	15	(mark\$1 adj detect\$5) and 375/355	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13
L95	18	((data or bits) near parallel) and (detect\$5 near synchron\$5)) and (detect\$5 near mark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/16 08:13